Notes on this Manual

Keep these instructions with your computer at all times. The proper set up, use and care can help extend the life of your computer. In the event that you transfer ownership of this computer, please give these instructions to the new owner.

This manual is divided into sections to help you locate the information you require. Along with the Table of Contents at the beginning of this manual, an Index has been provided to help you find topical information.

If you want to start up your AKOYA MINI PC immediately, please read the chapters *Operational Safety* (page 3) and *Setting up and Getting Started* (page 8).

We strongly recommend you read this entire manual to ensure the proper set-up and operation of your AKOYA MINI PC.

Many application programs incorporate extensive help functions. As a general rule, you can access help functions by pressing F1 on the keyboard. These help functions will be available to you while you are using the Microsoft Windows® operating system or the respective application program.

We have listed further useful sources of information in the section *Getting to know Windows® 7* starting on page 37.

Audience

These instructions are intended for both the novice and advanced user. Regardless of the possible professional utilisation, this AKOYA MINI PC is designed for day-to-day household use. The functions and applications for use with this AKOYA MINI PC have been designed with the entire family in mind.

Purchase Details

Enter your purchase details below for quick reference.

Serial Numbers	.....
(i.e. Microsoft®)	.....
Place and date of Purchase	.....

You will find the AKOYA MINI PC serial number on the rear of the AKOYA MINI PC. Also copy this number into your guarantee documents, if necessary.

Quality

Medion has selected the components in this computer for their high level of functionality, ease of use, safety and reliability.

Through balanced hardware and software design we are able to provide you with an innovative personal computer useful for applications relating to both work and leisure.

We are pleased to welcome you as our newest customer. **Thank you for choosing our products.**

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Information in this document is subject to change without notice.

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Chapter 1

Safety

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Data Security	4

Operational Safety

Please read this chapter carefully and observe all listed notes.

This ensures a reliable operation and long life expectancy of your AKOYA MINI PC .

- Do not allow children to play unattended with electrical equipment. Children are incapable of judging potential risks properly.
- Keep the packing materials, such as plastic sheeting away from children. The danger of suffocation could arise in the case of misuse.
- Do not open the AKOYA MINI PC casing or use the AKOYA MINI PC with the casing removed. When the casing is open there is a danger to life from electric shock.
- Optical drives are Laser Class 1 devices. These lasers must remain in their sealed AKOYA MINI PC casing. Do not remove the drive covers, as exposure to the lasers may prove harmful.
- Do not insert objects through the slots and openings of the AKOYA MINI PC. This may lead to electric shock, electrical short-circuit or fire that will damage your AKOYA MINI PC.
- Do not cover the slots and openings in the AKOYA MINI PC casing. These openings are for ventilation purposes. Covering these vents may lead to overheating. Please keep free a minimum distance of 20 cm on all sides when setting up the AKOYA MINI PC.

Switch off your AKOYA MINI PC immediately or do not switch it on at all and contact customer
service ...

- ... if the power cord or the connectors attached to it are burnt or damaged. Replace the defective power cord with an original power cord. Under no circumstances may a defective power cord be repaired.
- ... if the housing of the AKOYA MINI PC is damaged or fluids have leaked into it. Have the AKOYA MINI PCchecked by customer service first, because the AKOYA MINI PC may not be safely operated otherwise and there may be a life-threatening risk of electrocution!

Data Security

Attention!

Every time you update your data make back-up copies on an external storage medium. The supplier does not assume liability for data loss or damage to data storage units, and **no claims can be accepted** for damages resulting from the loss of data or consequential lossesChapter 2

Setting Up & Getting Started

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Included with your AKOYA MINI PC	7
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Included with your AKOYA MINI PC

Please check that the contents listed below are supplied with your package. You MUST provide your AKOYA MINI PC ’s serial number when contacting a customer service representative.

Your AKOYA MINI PC bundle should include the following components:

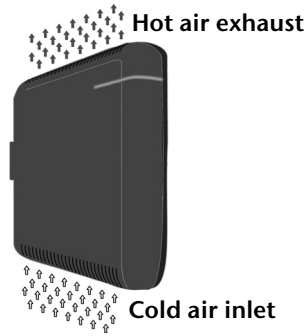
- AKOYA MINI PC
- Power adapter with connection cable (Modell: FSP, FSP045-RHC)
- Base (optional)
- VESA bracket (MIS-D) with 4 screws (optional)
- USB WLAN Dongle (optional)
- OEM Version of Operating System
- Application-/ Support Disc
- Documentation

Setting Up of the AKOYA MINI PC

The proper setup of your AKOYA MINI PC will ensure that the AKOYA MINI PC is easy to use.

Set-up Location

- Keep your AKOYA MINI PC and all units connected to it away from moisture, dust, heat and direct sunlight. Failure to observe these instructions can lead to malfunctions or damage to the AKOYA MINI PC.
- To prevent damage to your AKOYA MINI PC from a fall, place and operate the AKOYA MINI PC and all connected units on a stable, balanced and vibration-free surface.
- **Air circulation**
- Your AKOYA MINI PC is equipped with passive cooling. To function optimally, passive cooling requires bottom-up air circulation.. Therefore, when setting up or mounting the device, always make sure that the device is in an upright position, with the status display pointing upward.



Ambient Temperature

- The AKOYA MINI PC can be operated at an ambient temperature of between 10° and 35°C (+41° and +95°F) and at a relative humidity of between 30% and 70% (without condensation).
- When powered off, the AKOYA MINI PC can be stored at temperatures between -20° and 50°C (–40° and +158°F).
- Unplug the cable during thunderstorms and make especially sure to remove the antenna cables, if present. We recommend the use of a surge protector for additional safety, in order to protect your AKOYA MINI PC from being damaged by power peaks or lightning strikes through the power network.
- Delay operating a AKOYA MINI PC after transport until the device has adjusted to the ambient temperature. In situations of large temperature or humidity differences condensation may build up moisture inside the AKOYA MINI PC, which might cause an electrical short circuit.

Setup

You can place the AKOYA MINI PC on the base that comes with the device, or mount the device to the back of an LCD monitor using the VESA bracket.

Using the base

Place the thread and raised edges of the AKOYA MINI PC on the mounting screw and slot of the base .

1. Fasten the mounting screw.

Attention!
When fastening the screw, do not use any tools, such as pliers, as they may damage the thread.

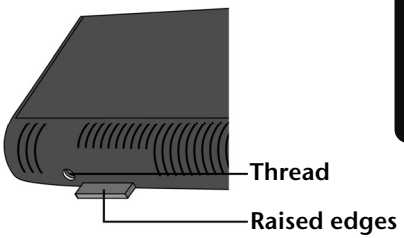


Fig. Base

Mounting the device using the VESA bracket (optional)

The product comes with a bracket to mount the AKOYA MINI PC to the back of an LCD monitor. For this purpose, there must be 4 tapped holes on the side of the monitor that are arranged in a square with a distance of 75 mm and/or 100 mm from each other (VESA MIS-D standard).

1. Place the VESA bracket on the tapped holes in the back of the monitor, with the flat side and mounting screw facing down.
2. Fasten the bracket using the 4 screws on the back of the monitor. Use a Phillips screwdriver.
3. Slide the AKOYA MINI PC into the VESA bracket so that the thread comes to rest on top of the mounting screw and the raised edge above the slot.
4. Fasten the mounting screw.

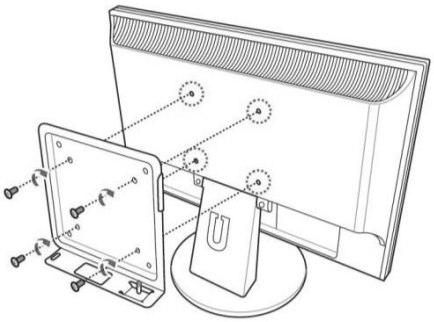


Fig. VESA bracket

Ergonomics

Note

Ensure that the monitor is set up in such a way that **reflections**, **glare** and **light/darkness contrast** are avoided.

You should not position the monitor in close proximity to a window as this is usually the brightest area of the room and may cause visual impairments during daylight hours.

Always position the monitor in a line of sight that runs parallel to the window front (see picture).

You should also apply a parallel line of sight with respect to artificial lighting. This means that in a room lit by artificial light essentially the same criteria and objectives apply. Should it not be possible to arrange the monitor as outlined above, the following measures might be helpful:

- Turn, lower or incline the monitor.
- Place horizontal or vertical shades at the windows.
- Work in Comfort

Note

Take regular breaks from the work at your screen to prevent tenseness and exhaustion.

Sitting in one position for long periods can be uncomfortable. To minimize the potential for physical discomfort or injury, it's important that you maintain proper posture.

Overall:
Change your position frequently and take regular breaks to avoid fatigue.

Back:
While sitting at your work surface, make sure your back is supported by the chair's backrest. This should be in an erect position or angled slightly backwards.

Legs:
Your thighs should be horizontal or angled slightly downward. Your lower legs should be near a right angle to your thighs. Your feet should rest flat on the floor. If necessary, use a footrest, but double check that you have your seat height adjusted correctly before getting a footrest.

Arms:
Your arms should be relaxed and loose, elbows close to your sides, with forearms and hands approximately parallel to the floor.

Wrists:
Your wrists should be as straight as possible while using the keyboard, mouse or trackball. They should not be bent sideways, or more than 10 degrees up or down.

Head:
Your head should be upright or tilted slightly forward. Avoid working with your head or neck twisted.

Connecting

Note:

The devices listed are not necessarily included with your AKOYA MINI PC .
All the **connections** listed are **optional** and will not inevitably be available on your AKOYA MINI PC .

Cabling

Please follow the instructions below in order to correctly connect your AKOYA MINI PC :

- Arrange cables in such a way that no one can tread on or trip over them.
- Do not place objects on the cables.
- To avoid damage to your AKOYA MINI PC, connect your peripherals (e.g., keyboard, mouse and monitor) whilst your AKOYA MINI PC is powered off. Some devices can be connected whilst your AKOYA MINI PC is in use. These devices usually have a USB connector. Please follow the appropriate instructions for each device.
- Keep the AKOYA MINI PC at least one meter (approximately three feet) away from high frequency and magnetic interference sources (e.g., televisions, loudspeaker cabinets, mobile telephones, etc.) in order to avoid malfunctions and/or loss of data.
- Please note that only shielded cables shorter than 3 meters (9.84 ft) should be used for the external interfaces. Please only use double screened cables for printer cables.
- Do not replace the cables supplied with the machine by any others. Use the cables belonging to the scope of the delivery exclusively, because they will have been tested extensively in our laboratories.
- Also only use the connection cable supplied with the devices for the connection of your peripheral devices.
- Make sure that all connection cables have been connected to the peripheral devices associated with them, in order to avoid disruptive radiation. Remove unneeded cables.
- The connection of devices is limited to equipment that complies with EN60950 “Safety of information technology equipment” or EN60065 “Audio, video and similar electronic apparatus. Safety requirements”.

- In the first hours of operation, new devices may emit a typical, unavoidable but completely harmless smell, which will decline increasingly in the course of time. We recommend that you ventilate the room regularly, in order to counteract the formation of the smell. During the development of this product, we have made sure that the applicable limits are clearly decreased.

Note

You only need to connect those components to your computer that you require. If you do not have the described device available you may carry out the connection later.

Front Connectors

Diagram reference: **B**

Some connections are located behind the front flap. This offers you the great advantage of creating frequently used connections quickly and conveniently, without turning the AKOYA MINI PC round. The flap, which can be slid, also protects the connections.

Connecting USB Devices

Diagram reference: **C**

Warning!

Connect your USB devices **after initial set-up** of your new AKOYA MINI PC . This will prevent unnecessary confusion during installation. These devices can generally be connected during operation. Read the manual for your peripheral device first.

- The voltage outputs of your AKOYA MINI PC for USB are protected by a fuse (limited power source according to EN60950). This ensures that a malfunction of the AKOYA MINI PC will not damage the peripheral devices connected to the respective jacks.

You have a choice of several connection sockets. It does not matter which you use.

Note

Take care that the connector and the socket fit exactly to avoid damaging the contacts. Because of its asymmetric form the plug only fits into the socket in one position.

1. If you wish to use a **printer, scanner** or other device with a USB port, connect the cable to the USB socket on your AKOYA MINI PC.

Note

Connect your devices always to the same port otherwise your operating system will give a new ID and asks for driver installation.

Connecting Headphones/earphones

Diagram reference: **D**

Here you connect **headphones/earphones**.

1. Connect the cable with the **3.5 mm stereo** jack plug in the socket at the front of your AKOYA MINI PC (position **D**).

Caution!

The use of headphones/earphones with a high volume can lead to lasting damage to your hearing. Set the volume to the lowest level before reproducing any sound. Start the sound reproduction and increase the volume to the level that is comfortable for you. Changing the basic settings of the equalizer can also cause damage to the hearing of the listener.

It can cause damage to the hearing ability of the listener if a device is operated through earphones with an increased volume for a long period.

Connecting a Microphone

Diagram reference: **E**

1. You can use the socket **E** to connect a microphone with a **3.5 mm** mono jack plug.
2. Position the microphone in such a way that it does not point directly at the speakers. If you hear feedback, characterised by loud whistling noises, reposition the microphone until the sound stops.

Note

You can also connect a sound system to the audio socket. For further information, read the section beginning on page 31.

Connecting the Monitor

Diagram reference: **F**

Your AKOYA MINI PC is equipped with a **DVI** connector.

Note

Take care that the connector and the socket fit exactly to avoid damaging the contacts. Because of its asymmetric form the plug only fits into the socket in one position.

1. Connect the data cable of the monitor to the socket on the graphics card (reference: **F)**. If necessary, remove the white guard-ring on the monitor plug.
2. Hand-tighten the screws on the monitor cable.

Note

The AKOYA MINI PC monitor is preconfigured for a screen resolution of **1024 x 768** pixels and an optimal refresh rate of **60 hz**. If your monitor does not support these settings it may become damaged or malfunction during use. You can change the screen resolution and configuration of your monitor as follows (See also your monitor's User Manual).

LAN Connection

Diagram reference: **G**

Your AKOYA MINI PC is equipped with a network connection, in order to prepare it for network operation.

The network cable usually has two **RJ45** plugs so that it is unimportant which plug is connected to which jack.

1. Connect the one plug of the cable to the AKOYA MINI PC jack (LAN).
2. Connect the other plug to the other AKOYA MINI PC or hub/switch.

For further information refer to chapter "*The network*" starting at page 34.

Audio Output / Connecting Speakers

Diagram reference: **H**

Here you can connect your **active speakers** for replaying or **audio connection cables** for recording. Please refer to the user's guide of your stereo installation for information about which connector you should use (usually **Line In** or **Aux**).

1. Connect the cable with the **3.5 mm stereo** jack plug into the socket (**H**) at the rear side of the AKOYA MINI PC.

Connecting the Power Supply

Diagram reference: **I**

Finally, connect the power supply to your AKOYA MINI PC and monitor.

1. Connect the power adapter (included) to the AKOYA MINI PC (**I**).
2. Then, connect the power cord to the adapter and plug it into a wall outlet.

Observe the following **safety precautions**:

Please note:

Even with the power switch switched off some parts of the device receive current. **You must unplug the power plug** from the socket, if you want to interrupt the power supply to your AKOYA MINI PC or **cut off your device from current** entirely.

- Do not open the housing of the power adapter. Opening the housing could result in an electric shock. It does not contain any parts that require maintenance.
- The power socket must be in the vicinity of the AKOYA MINI PC and within reach of the power cables. Do not stretch the power cables tightly to reach a power socket.
- Only operate the AKOYA MINI PC on grounded plugs of the domestic power net.
- Only use the mains/power cord included with the device.
- Do not cover up the power adapter in order to prevent damage from overheating.
- Stop using the power adapter if the housing or cord has been damaged. Replace it with a power adapter of the same type.
- To provide additional protection against electric shock, power surges, lightning strikes, or other electrical damage to your AKOYA MINI PC , we recommend the use of a surge protector.
- If you are using an extension cord, ensure that the cord meets your local safety requirements. If in doubt, ask an electrician.
- The power supply unit has an On/Off switch that can be used to power off the AKOYA MINI PC. When the switch is Off (0) no power is being consumed.

Do not start your AKOYA MINI PC yet!

First, read the following section to find out what you need to know in order to get started.

Getting Started

The software on this AKOYA MINI PC comes **fully pre-installed**. You do not have to load any of the CD's/DVD's supplied.

With many programs (e.g., telephone-CD's or encyclopaedias), however, it is necessary to insert the corresponding CD/DVD in order to call up the data which is stored on it. The software will ask you to do this as necessary. Once you have made all the connections and secured the necessary connectors you can turn on the monitor, the other peripherals and finally the AKOYA MINI PC itself.

Step 1: Power On

1. Power on the monitor.

Mains switch on the mains adapter

2. Provide power to your AKOYA MINI PC by pressing the switch to position [**I**].(You will stop the flow of current to the AKOYA MINI PC by pressing the switch to position [**0**]).

On/Off Switch

Diagram reference: **A**

3. Press the On/off once to start loading the operating system.

The On-/ Off switch function can be programmed in the Windows® **Control Panel, Power Options, Hardware and Sound** (please refer to on-line help). The AKOYA MINI PC will always be switched off, if the main switch is pressed for more than 4 seconds.

Warning!

If the operating system is not shut down properly (through ⇨ **Shut down**), then there is a risk of data loss.

Step 2: Starting Initial Setup

The AKOYA MINI PC starts and now goes through a number of phases:

Note

Ensure that there is no bootable CD (e.g. the Recovery-CD) in the CD-ROM drive. Such disks will prevent the operating system from loading directly off the hard drive.

The **operating system** is loaded from the hard disk. During the initial set-up, the loading process takes slightly longer than normal to register the operating system and the individual components completely. Your operating system is finished loading when a welcome screen is shown on your display.

Follow the instructions on the screen. Dialogue boxes will explain any steps that need to be taken. The greeting procedure will guide you through the following screens and dialogues.

Should you have any questions just click on .

License agreement

Please read through the license agreement carefully. It contains important legal information on the use of your software. In order to see the full text, use the mouse and the scroll bar to move downwards until you have reached the end of the document. You accept the agreement by clicking on the **I accept the agreement** option field. Only by doing so will you be entitled to use the product under lawful terms and conditions.

Step 3: Finalising

After the login procedure the Windows® desktop appears on your screen.

This can be adjusted so that the screen of your computer looks different. The basic operation, however, is ensured.

Short Description of the Windows® Desktop

❶ Start Button

Clicking the Start button brings up a menu where you can access help, software programs, files, and settings

❷ All Programs

All of the software programs installed on your AKOYA MINI PC are ordinarily listed here. Click **All Programs** to reveal an extensive menu.

❸ Taskbar

You can start programs and switch between already active programs using the taskbar beneath the screen. You can place every program in the taskbar under Windows® 7, so that you can always open it with a single click. Furthermore, you can rearrange the symbols on the taskbar by clicking on them and dragging them to the desired position. Move the cursor over the symbols, and the system will display a miniature of every file or window open in the program. When you move your cursor over the miniature, the system will display a full-screen preview of the particular window. If you move the cursor away from the miniature, the full-screen preview will close.

❹ Windows Search

Windows Search helps you find almost all data located on the AKOYA MINI PC, quickly and easily. With Windows® 7, you get search results with greater relevance, and they are easier to understand.

❺ Program Bar

The most commonly used software programs are listed here. The operating system recognises all this automatically. Clicking on an entry with the right mouse key enables you to decide which entry on the list to keep or to remove. The program linked to the input is not erased.

❻ Turn Off

To turn off the AKOYA MINI PC, click on the **Shut down** button with the left mouse key.

❼ Desktop

Click on this Button if you would like to minimise all the windows open onto the taskbar, in order to obtain a clear view of the Desktop.

❽ Desktop Icons

Desktop icons link to their respective programs. To start a program, double-click its desktop icon.

The d**esktop** encompasses nearly the entire screen and acts as the shelf space for such entries or for other links, to which you would like rapid access.

❾ Logged in User

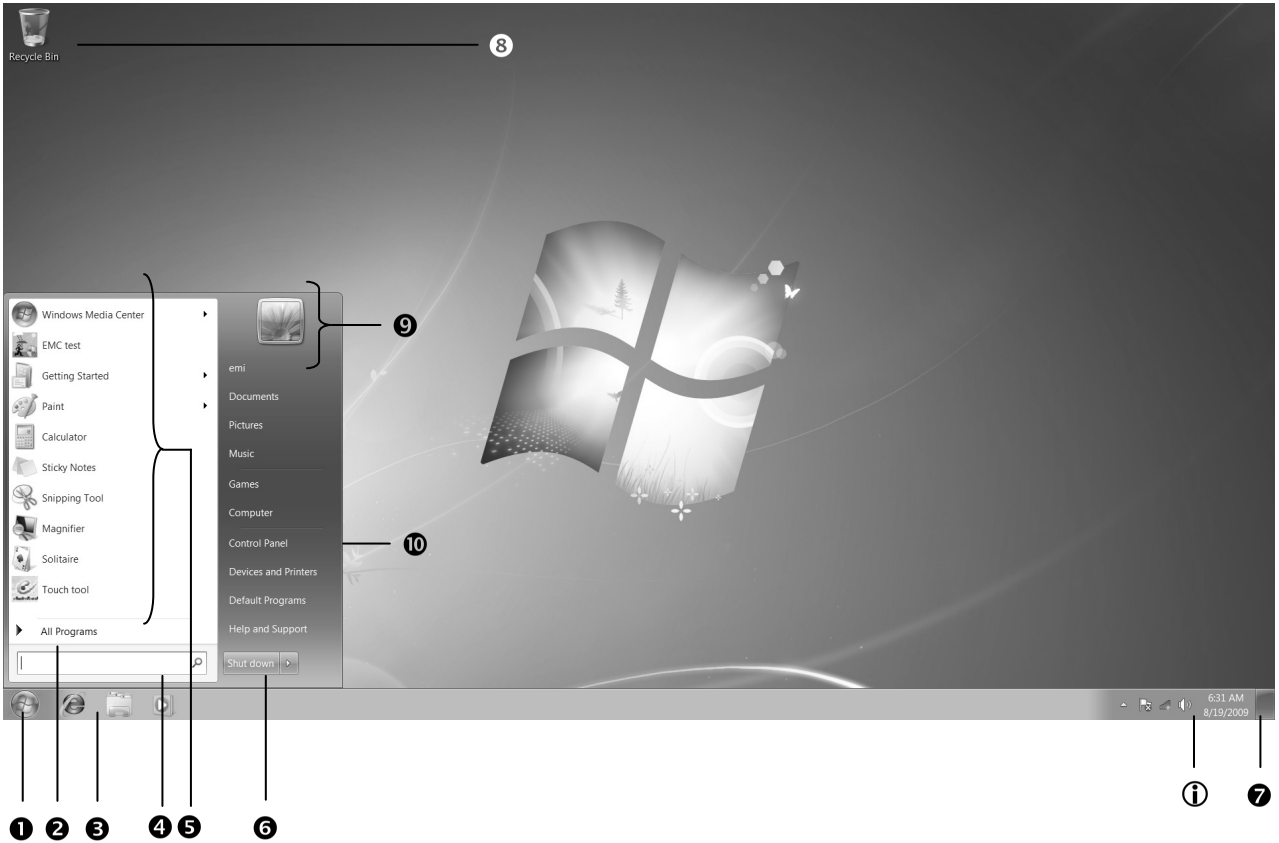
This tells you which user is logged in to your AKOYA MINI PC.

⑩ **Control Panel**

You can use the icons in Control Panel to change the appearance and functionality of Windows®7. These icons represent options for configuring your AKOYA MINI PC . You should, however, consult “**Help and Support**“ on the potential effects of certain changes.

ⓘ System tray

System tray on the current time. When certain events occur, for example, upon receipt of an e-mail message or upon opening the task manager, it may happen that too many notification symbols are displayed in this field. Windows® displays a notification symbol when an event occurs. After a short time, Windows® places the symbol in the background, in order to maintain the straightforwardness of the field. You can access the symbols placed in the background by clicking on a button in the system tray.


Recycle Bin
8
Windows Media Center
EMC test
Getting Started
Paint
Calculator
Sticky Notes
Snipping Tool
Magnifier
Solitaire
Touch tool
All Programs
emi
Documents
Pictures
Music
Games
Computer
Control Panel
Devices and Printers
Default Programs
Help and Support
Shut down
9
10
6:31 AM
8/19/2009
1 2 3 4 5 6 7

Chapter 3

Operation

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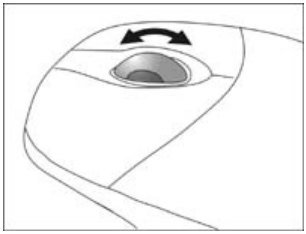
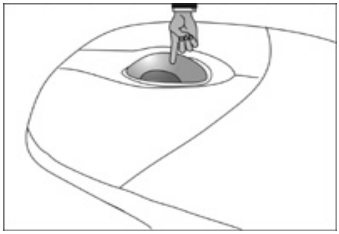
The Mouse

The mouse has beside the two keys a wheel that can be used to scroll through a document or internet pages.





Note

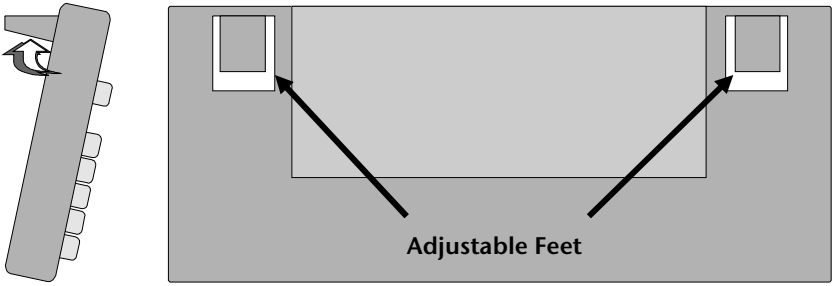
The scroll wheel can be used as a button. The functionality depends on the application. In Word for example you can push the wheel to move up and down as a scroll function.

If the mouse course moves jerkily on the screen, try a different surface (mouse pad). Glass and metallic surfaces might cause problems.

The Keyboard

This section contains useful information on using the keyboard. All diagrams are **schematic**.

On the base of the keyboard are two folding feet that let you adjust the angle of the keyboard. Pull them forward to adjust the angle of the inclination.



The Alt and Ctrl Keys

The left **Alt** key performs certain functions in conjunction with other keys. The application program determines these functions. In order to enter a combination of keys that include the **Alt** key, hold the **Alt** key down while pressing the other key. The right **Alt** key operates in a similar way but selects certain special characters. The **Ctrl** key, like the **Alt** key, carries out program functions.

Useful key combinations (software-dependent):

Key Combination	Function and Description
Alt + F4	As a rule ends the program selected or closes the window opened.
Alt + Print screen	Copies the image of the window currently active to the clipboard.
Shift + '	Generates the @ character required for e-mails (pronounced: at).
Ctrl + Alt + Del	Windows security is launched.

(Country-specific variances are possible.)

The Hard Drive

The hard drive is the main storage medium combining large storage capacity and rapid data access.

The hard drive contains the operating system of the computer, other application programs and backup files. These programs and files are pre-installed on your AKOYA MINI PC , so you may note that some of the space on your hard drive is already taken.

The Windows operating system cannot use the full capacity of the hard drive, which means that there will be a difference between the capacity that the BIOS displays and what the operating system displays. The operating system of the AKOYA MINI PC, further application programs and backup files are located on the hard drive and reduce its total capacity.

The hard drive is addressed as drive **C** and **D**.

Note

Never switch off the computer while the busy indicator is lit since this may result in loss of data. A flickering hard drive display is your indication that the AKOYA MINI PC is accessing the hard drive.

Usually your hard disk is divided into more partitions. The configuration of your hard drive can be displayed and configured under "**Disk Management**". To familiarise yourself with the hard drive configuration, search Windows Help for the key word "**Disk Management**".

In your first partition (**C:**) you will find the operating system, application programs and the users' documents.

The second partition (**D:**) serves for data security and contains additional drivers (**D:\Driver**) and tools (**D:\Tools**) for your AKOYA MINI PC .

Important Directories

In the following we have listed the most important directories and described their content.

Attention!

Do not delete or modify these directories or their contents since data could be lost or the functionality of the system could be at risk.

C:	The master directory of drive C: includes important files required to start Windows®. In the factory setting these files are hidden for safety reasons.
C:\Programs	As the name suggests, in this directory programs install the files belonging to the application.
C:\Windows	The main directory of Windows®. This is where the files of the operating system are saved.
D:\Driver	This folder includes the drivers required by your computer (pre-installed).
D:\Tools	Here you find additional programs and other documentation for your AKOYA MINI PC.

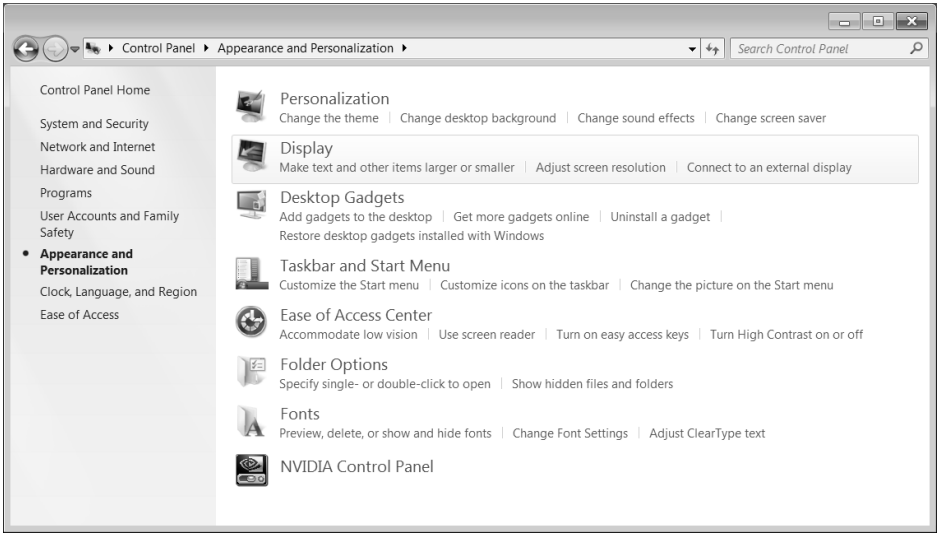
Appearance and Personalization

This program offers you the possibility of adjusting the presentation on your display. This includes the background image, the screensaver, Active Desktop (web) and additional settings of your display and your graphics card, for example. The program can be started in the following way:

- Right mouse click on the Windows interface (Desktop) and left mouse click on **Personalization**

or

- Via **Start** ⇨ **Control Panel** ⇨ **Appearance and Personalization** with a double-click with the left mouse button.


Control Panel ▸ Appearance and Personalization ▸
Search Control Panel
Control Panel Home
System and Security
Network and Internet
Hardware and Sound
Programs
User Accounts and Family Safety
Appearance and Personalization
Clock, Language, and Region
Ease of Access
Personalization
Change the theme | Change desktop background | Change sound effects | Change screen saver
Display
Make text and other items larger or smaller | Adjust screen resolution | Connect to an external display
Desktop Gadgets
Add gadgets to the desktop | Get more gadgets online | Uninstall a gadget
Restore desktop gadgets installed with Windows
Taskbar and Start Menu
Customize the Start menu | Customize icons on the taskbar | Change the picture on the Start menu
Ease of Access Center
Accommodate low vision | Use screen reader | Turn on easy access keys | Turn High Contrast on or off
Folder Options
Specify single- or double-click to open | Show hidden files and folders
Fonts
Preview, delete, or show and hide fonts | Change Font Settings | Adjust ClearType text
NVIDIA Control Panel

The following adjustment possibilities are available:

- **Personalization**
- **Display**
- **Desktop Gadgets**
- **Taskbar and Start Menu**
- **Ease of Access Center**
- **Folder Options**
- **Fonts**

The Sound System

Diagram reference: **D, E, H**

Note

The speaker/headphones output is designed for active speaker systems or headphones. Passive speakers cannot be used or if they are the quality will be significantly reduced.

If you want to change the basic volume, click on the loudspeaker icon in your taskbar.

Note

Connect your headsets/earplugs only to the port on the front of the AKOYA MINI PC (diagram reference: **D**).

Caution!

The use of headphones/earphones with a high volume can lead to lasting damage to your hearing. Set the volume to the lowest level before reproducing any sound. Start the sound reproduction and increase the volume to the level that is comfortable for you. Changing the basic settings of the equalizer can also cause damage to the hearing of the listener.

It can cause damage to the hearing ability of the listener if a device is operated through earphones with an increased volume for a long period.

USB Port

Diagram reference: **C**

Note

Devices connected directly to the USB bus should not draw more than 500 mA. The voltage output is protected by a fuse (Limited Power Source according to EN 60950). Should the devices need more power than this, it will be necessary to provide a hub (distributor / booster).

On the USB it is possible to connect up to 127 devices which correspond to the USB standard (1.1 and 2.0 supported).

The data transfer speed is 1.5 Mbit/s or 12 Mbit/s, depending on the device connected. USB 2.0 can reach up to 480 Mbit/s.

Note

If possible, always connect your USB devices to the same port where it has been installed. Otherwise you will get a new ID and your operating system will ask for a new installation of the driver.

The Network

Diagram reference: **G**

Your AKOYA MINI PC is provided with a Fast Ethernet-Network connector

You will find further information about networking in the **Help** section within the **Start** menu.

What is a Network?

A network means connecting your AKOYA MINI PC to another or several other AKOYA MINI PC s. Users can transfer information and data between computers and share resources such as printers, modems and hard disk drives.

Here are some practical examples:

- You can exchange Email and manage appointments in an office.
- Users share a printer in a network and save their data on a central server.
- Share one modem or one ISDN card among computers for Internet access.
- Two or more AKOYA MINI PC s can be connected to play network games or share data.

Wireless LAN

Your AKOYA MINI PC comes with an **optional** WLAN dongle. Wireless LAN allows you to establish a wireless network connection to a corresponding remote station. Plug the dongle into a free USB port to use this function.

Safety Note

Attention!

Don't use this feature in environments where highly sensitive devices are placed such as in hospitals etc. To avoid any interference disable this option in your device manager.

Conditions

The partner used can be a wireless **access point**. An access point is a wireless transmitter that communicates with your AKOYA MINI PC and controls access to the network connection (e.g., a home network or a broadband connection such as DSL).

Wireless access points are often found in offices, airports, universities or Internet cafés. They offer access to enterprise services and networks or to the Internet.
Access authorizations are normally needed. A fee may be required to use a public access point. To set up a wireless network to share Internet access, files, and printers at home, you will need an access point, a router, and a broadband (DSL or cable) modem. Some access points can also serve as a router and/or a broadband modem. Check with your retailer to find the best solution for your needs.

A link to another computer with wireless LAN functionality can also be created **without an access point**. This will allow you to share files, but you will need an access point and a router to share an Internet connection. The wireless network link works according to standard **IEEE 802.11n** and is compatible to standard **IEEE 802.11 b/g**.

The transmission speed (max. 300 Mbp/s*) can vary according to distance and other factors. If for example the other devices support the 802.11b standard the transmission speed can be max. 11 Mbp/s.

Search for “wireless networking” in Windows Help and Support for more information.

* 300 Mbit/s is a grossvalue. A maximum of 75 Mbit/s is available at application level. In order to use its full capacity, a WLAN router following the 802.1 1n standard is required.

Troubleshooting within the Network

Why does the network environment not show the releases?

The network environment is delayed in time. Check the release by searching for the respective **computer name.**

Why does an error message appear when I click on the network environment?

The **computer name** must be unique on the network and may not be the same as the **task group**.

It appears that the network boards are unable to communicate. What might be the problem?

Maybe one of the used network boards works with a **different speed** (e. g. 10 instead 100 Mbit) and your network computer is unable to recognize this. If necessary, set the network driver to the compatible speed.

If two AKOYA MINI PC s should be linked you require a **cross-link cable**, otherwise use a **patch** cable.

In addition, check the **protocols** and the **configuration**.

The data transmission is incorrect or very slow. What might be the problem?

Maybe you have the wrong cable (UTP / CAT3 or lower) or the problem is the proximity of a power cord or another source of interference.

For further hints on troubleshooting refer to the Windows help under “**Network errors**”.

Software

This section concerns itself with software. We make a distinction between the operating system, the software (application program), **Windows activation** and **BIOS**.

Getting to Know Windows® 7

With Windows® 7, Microsoft is launching the new operating system and successor to Vista®.

Windows® 7 contains a number of innovative functions and technologies, enabling your AKOYA MINI PC to work quickly and reliably, while being easy to use.

Windows® 7 – News

Improved Taskbar

The Taskbar at the bottom of the screen enables you to start programs and change between programs which are already running. Using Windows® 7, you can place any program in the Taskbar, so that it will always open with one single click. You can also arrange the symbols on the Taskbar simply by clicking on them and dragging them to the desired position. The symbols are also considerably bigger, so that they are easier to use. Moving the cursor over the symbols will display miniatures of each file or each window open in the program. Moving the cursor over the miniature displays a full-screen preview of the particular window. Moving the cursor away from the miniature closes the full-screen preview.

Jump lists

Jump lists offer a practical possibility when opening files which you have recently worked on. To display recently used files, just right-click the application symbol on the Taskbar. Right-clicking on the Word symbol will display recently used Word documents. You can also easily place other files in the jump list if you would like to have them readily at hand, in which case they will always be displayed. This allows you to access documents which you use more frequently, with just a few mouse clicks.

The jump lists from a few programs, such as Windows® Media Player, can be filled in advance with frequently used commands. Thus, for example, the Windows® Media Player jump list might contain options to play all music or to re-open the latest play list.

The Internet Explorer jump list displays frequently and most recently visited websites. For certain programs, this enables rapid access commands which, in the past, could only be retrieved from the program itself, such as the command to create a new e-mail message.

Improved Desktop

Windows® 7 simplifies working with the windows on the Desktop. This provides you with more intuitive possibilities for opening and closing, as well as for changing the size and for rearranging.

Windows® 7 makes the performance of everyday tasks even simpler. For example, the Snaps function makes it easier than ever to compare two open windows. You do not need to adjust the size of the open window for comparison. Simply pull the window, using the mouse, to one of the edges at the side of the screen, and it will fill half the screen. Snap the window on both sides, and it is already easier than ever to compare two windows.

If you would like to display all Desktop mini-applications, simply move the mouse into the lower right hand corner of the Desktop. This makes all open windows transparent, so that the Desktop and all the mini-applications located on it will be instantly visible.

Click on the Titlebar of the window, "shake" it, and all open windows will be displayed as symbols on the Taskbar. "Shake" the window again, and the other windows will be displayed again.

Better device management

Windows® 7 enables you to close, manage and use all devices through the "**Devices and Printers**" central function.

All devices are displayed in a central position.

With the new Device Stage Technology, Windows® 7 even goes one step further in device management. Device Stage helps you use all compatible devices connected to your computer. Thanks to Device Stage, now you display the device status in one single window and carry out often-used commands. You will even find pictures of the devices here, easily enabling you to see which devices are connected. The manufacturer of the devices can even adapt Device Stage. If the manufacturer of your camera, for example, prepares an adapted version of Device Stage, you can see the number of photos on the camera and receive links to useful information when you link the camera to the AKOYA MINI PC .

Homegroup

With **homegroups**, a new function of Windows® 7, the linking of home computers is really simple. A home network group is created automatically, for example, when you link the first AKOYA MINI PC under Windows® 7 with the home network. The addition of additional AKOYA MINI PC s with Windows® 7 to the home network group is quickly accomplished. You can indicate exactly what should be released on each AKOYA MINI PC for all other AKOYA MINI PC s in the home network group. Finally, the shared use of files on the various home AKOYA MINI PC s, and on many other devices, is so simple that it is as if all files were located on one single hard drive. This allows you to store digital photos on the computer in your home office and then enjoy easy access to them from a laptop in any other room in the house. Similarly, the printer in home office is automatically released for all AKOYA MINI PCs in the house, as long as they are all in the home network group.

Beginners and persons changing from other Windows versions systems are advised to read this material carefully.

Windows® 7 – Quick Start Guide

This Handbook will give you a brief overview of the operation of your operating system.

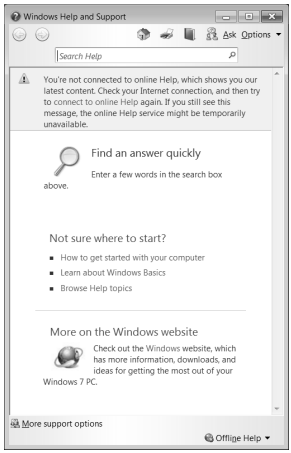
Windows® 7 – Help and Support

An answer to almost every question can be found in this program.

This help function fully covers the Windows operating system.

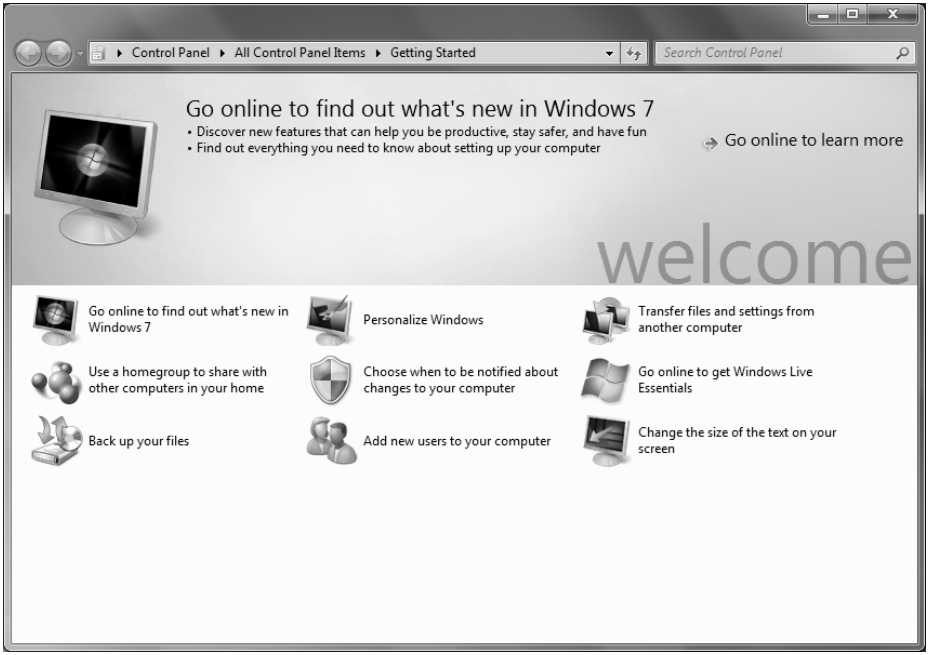
It is helpful for both beginners and professionals. You can print or bookmark the information, which is categorized into topics. You start like this:

1. Click on **Start**
2. Now select **Help and Support**


Windows Help and Support
Ask
Options
Search Help
You're not connected to online Help, which shows you our latest content. Check your Internet connection, and then try to connect to online Help again. If you still see this message, the online Help service might be temporarily unavailable.
Find an answer quickly
Enter a few words in the search box above.
Not sure where to start?
How to get started with your computer
Learn about Windows Basics
Browse Help topics
More on the Windows website
Check out the Windows website, which has more information, downloads, and ideas for getting the most out of your Windows 7 PC.
More support options
Offline Help

Windows® 7 – Getting Started

Learn everything you need to know about the features of the AKOYA MINI PC .


Control Panel ▸ All Control Panel Items ▸ Getting Started
Search Control Panel
Go online to find out what's new in Windows 7
• Discover new features that can help you be productive, stay safer, and have fun
• Find out everything you need to know about setting up your computer
Go online to learn more
welcome
Go online to find out what's new in Windows 7
Personalize Windows
Transfer files and settings from another computer
Use a homegroup to share with other computers in your home
Choose when to be notified about changes to your computer
Go online to get Windows Live Essentials
Back up your files
Add new users to your computer
Change the size of the text on your screen

It is the aim of this feature to enable both beginners and experienced users to make additional setting for the optimal use of Windows®7 after first bringing the AKOYA MINI PC into operation.

Getting Started has been subdivided into many small groups of subjects, so that the user will have the possibility of adjusting the content optimally to his or her knowledge. There are some of the links in the following:

- Go online to find out what's new in Windows®7
- Personalize Windows
- Transfer files and settings from another computer
- Use a homegroup to share with other computers in your home
- Choose when to be notified about changes to your computer
- Back up your files
- Add new users to your computer
- Change the size of the text on your screen

Use **Getting Started** to understand your AKOYA MINI PC better and in order to be able to use it optimally. It will also serve you as an additional source of information for recognizing and removing potential problems.

You will call up **Getting Started** as follows:

1. Click on **Start**
2. Select **Getting Started** in the Program List.

Windows® 7 – User Account Control

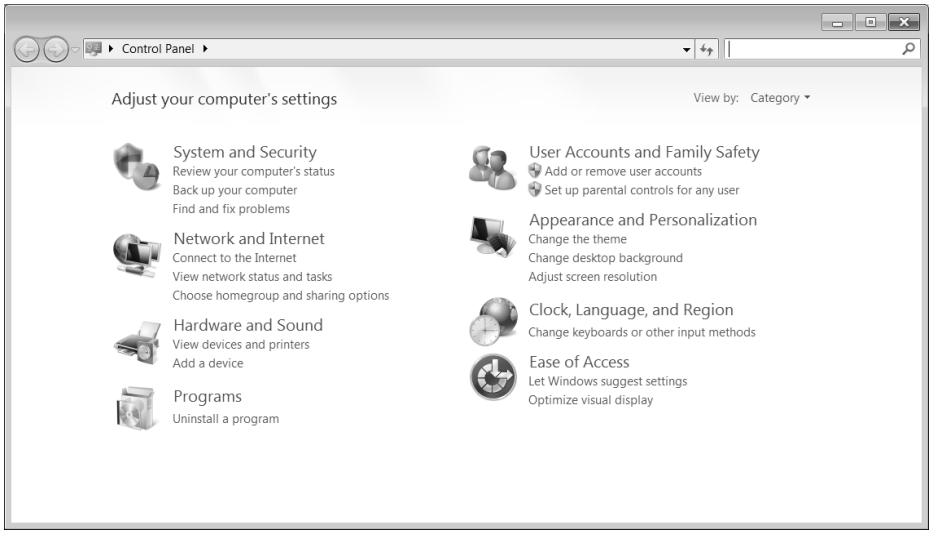
The User Account Control contributes to the prevention of unauthorized changes to the AKOYA MINI PC.

A window with the message **"Do you want to allow the following program to make changes to this computer?"** will appear as soon as you carry out an unauthorized change.

- Click on **Continue**, in order to continue the procedure.
- Click on **Cancel**, in order to end the procedure.

Windows® 7 – Control Panel

You can change Windows settings using the control panel. The settings control almost everything relating to Windows displays and functionalities, and they enable you to organise Windows according to your requirements.



When you first open the **Control Panel,** a few of the most frequently used elements of the Control Panel are displayed by category.

For further information on any element in the Control Panel category view, hold the cursor over the symbol or category name and read the pop-up display text.

To open one of these elements, click on the associated symbol or category name.

For a few of these elements, a list, with executable tasks will open, with a selection of individual Control Panel elements.

Searching for the desired control elements may be effected in the following ways:

- Enter a word or expression in the search field.
- Click on Large Icons or Small Icons under **Display Settings** to display a list of all Control Panel elements.

Installation of Software

Note

If your operating system is configured so that the installation procedure accepts only signed drivers (default) and software an information screen will appear.

The software included in delivery is already pre-installed in the factory.

Attention!

You may find that during the installation procedure important files may be changed or even cancelled. To avoid further problems in using older files after an installation, make sure you safeguard your hard disk. See page 49 for further information regarding data backup.

How to Install your Software

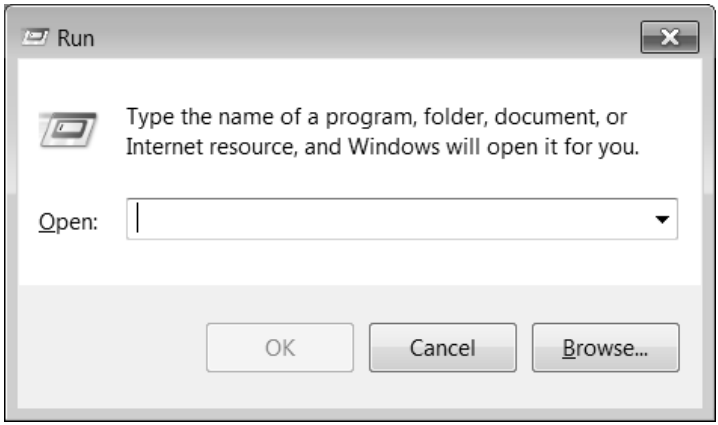
Please follow the instruction of the software vendor. We will describe a **typical** installation. Once you insert a CD, the installation menu is started automatically.

Note

If the automatic start does not work, it is likely that the so-called **Autorun** function has been deactivated. Read the respective chapter in Windows Help on how to activate this function.

An example for the manual installation **without** the autorun function:

1. Click on **Start** .
2. Click on ▸ **All Programs.**
3. Open the **Accessories** program point.
4. Select the item **Run.**
5. Now enter the letter of the CD-ROM drive followed by a colon and the program name setup:



6. Click on “**OK**”.
7. Follow the instruction given by the program.

Software Uninstallation

In order to remove installed software from your AKOYA MINI PC , follow the next steps:

1. Click on **Start** .
2. Click on **Control Panel**.
3. Then select the **Programs** option.
4. Select the respective program, start the uninstallation and follow the instructions on the screen.

Windows Activation

Microsoft is committed to the protection of intellectual property rights and the reduction of software piracy. Therefore Windows® 7 contains software-based product activation technology. Your copy of Windows® 7 has already been **activated for your AKOYA MINI PC**.

Product activation is needed if some components of your AKOYA MINI PC have been replaced or you use a non-authorized BIOS. If necessary you can activate Windows® 7 as often as requested.

You will probably need to activate Windows® 7 by telephone even if Internet Activation is available. This is due to the pre-activated SLP version which runs with a special Product-ID. However, activation needs your unique Product ID which can be found on the **Certificate of Authenticity** sticker on your AKOYA MINI PC housing. When you call, please inform your agent that you are running an OEM-(SLP) version of the software.

Product Activation on your AKOYA MINI PC

In few cases it may still be required to activate Windows® 7. If an activation via the **internet** is acknowledged with an error message you should perform the following steps.

1. Please select the **telephone activation** and click until the related screen appears.
2. Now click on **change product key**. A new window appears. Enter the product key. This is located on the **Certificate of Authenticity (COA)**, on the computer's casing.
3. Acknowledge your entry and follow the instructions on the screen. Notify your Microsoft consultant, if necessary, that you have an OEM license in connection with your AKOYA MINI PC .

BIOS Setup

In the BIOS set up (your AKOYA MINI PC's Basic Configuration) you have a number of parameter settings available for your AKOYA MINI PC. For example, you can change the operating mode of the interfaces, security features or power management.

The AKOYA MINI PC is factory pre-set to guarantee optimum operation. Please only modify the parameters if this is absolutely essential and if you are familiar with the configuration possibilities.

Execution of the BIOS Setup

You can only execute the configuration program when starting the system. If the AKOYA MINI PC has already been started exit Windows® and reboot. Prior to rebooting the AKOYA MINI PC press the key "DEL" and keep it pressed until the message "Entering Setup" appears.

Chapter 4

Customer Service & Self Help

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Data and System Security	49
System Restore	50
FAQ – Frequently Asked Questions	53
Customer Service	55
Upgrades and Repairs	58
Recycling and Disposal	59

Data and System Security

The programs described below are part of your Windows operating system. You can find additional information on these programs in the Windows Help file.

Please also read the notes on page 4.

Data Security

Back up data regularly on external media such as a CD-R or CD-RW. Windows offers **Backup Status and Configuration**.

This program is found in **Accessories** ⇨ **System Tools** within the Start menu. You should make a backup disk with all your passwords and the operating system's original configuration.

Maintenance Programs

You can avoid some hardware and software errors with the help programs such as **Disk Defragmenter** and **Disk Cleanup**. The help program **System Information** can also be helpful as it gives you detailed information about your system configuration. You can also find these programs in **Accessories** ⇨ **System Tools** too.

System Restore

Windows® 7 provides a useful function (**System Restore**) enabling the storage of the so-called **Recovery points**.

The system remembers the current configuration as a snapshot and returns to this, if necessary. The advantage is that an unsuccessful installation can be cancelled.

Recovery points are created automatically by the system, but they can also be set manually.

You can determine and configure yourself the maximum memory taken up by this. You find this program in the program file under **Accessories** ⇨ **System Tools**.

We recommend setting a **recovery point** before installing new software or drivers. At this point if the system does not run properly this recovery point should enable you to return to a workable configuration without deleting newly created documents. In the next paragraph you will find your options for the repair of an incorrect installation.

Correction

Windows® 7 includes various functions ensuring that the AKOYA MINI PC as well as the installed applications and devices work correctly.

These functions assist you in solving the problems which might occur by adding, deleting or replacing files required for the functionality of the operating system, the applications and devices. The recovery function or functions you use depend on the type of occurring problem or error. For detailed information refer to the Windows help.

Windows® Update

Windows Update is the online updating of Windows. Use Windows Update to download elements such as security updates, important updates, the newest help files, drivers and Internet products from the Internet.

The website is regularly augmented by new content, so that you can download the newest updates and error corrections at any time, to protect the AKOYA MINI PC and guarantee its functioning.

Windows Update will search through the AKOYA MINI PC and provide a list of individual updates especially for the configuration of your AKOYA MINI PC.

Each update that Microsoft regards as important for the operation of the operating system, programs or hardware components will be classified as an “important update” and automatically selected for installation for you.

Important updates will be provided to remove known problems and to protect the AKOYA MINI PC against known security risks.

Carry out four simple steps, to download the updates needed and to keep your computer on the current status of technology:

1. Click on **Start** .
2. Click on ▸ **All Programs**.
3. Open **Windows Update**.
4. Click on **Check for update**.
5. Click on **Add** to select the desired update and to add it to the updates to be installed, while you are searching through the available updates in each category. You can also read a complete description of each individual element by clicking on the **Read further** Link.
6. Click on **Check and install updates**, when you have selected all the desired updates, and then click on **Install now**.

Windows Update Information for Data Security

Windows Update needs certain information about the respective AKOYA MINI PC, so that a suitable list with updates can be provided for you. This information will include the following:

- Version number of the operating system
- Version number of Internet Explorer
- Version numbers of additional software programs
- Plug & Play identification key of the hardware devices

Windows Update will stand up for the protection of your private data and will not record your name, address, email address or other forms of personal data. The information collected will only be used during the time that you are visiting the website. It will also not be stored.

The update can only be executed via the Internet. Ensure that you are on-line with your AKOYA MINI PC when downloading the updates.

System Restore

If your system should stop working properly, **despite following the previous troubleshooting instructions**, you can restore its delivered default condition.

Limits of the Recovery

- Changes made to the original configuration (RAS, Desktop or Internet settings) and installed Software will be ignored by this Recovery and will not be reloaded.
- Driver Updates or hardware installed by you will be ignored by this Recovery.

Carrying out a Restore

1. Remove any mass storage devices you may be using (memory cards, USB sticks, etc.).
2. Switch on the AKOYA MINI PC.
3. Press the corresponding key when you see the message "**Press F11 to run recovery**" or "**Press F12 to run recovery**".
   After a few seconds, the message "**Windows is loading files**" will appear. Wait until the files are loaded. The "**Power Recover**" menu will then appear.
4. Select the language of the restoration menu.
5. Click on "**Next**".
6. You may now choose between two forms of restoration:
   - **Restore to HDD – no backup of user data**
     All data on the AKOYA MINI PC are irretrievably erased, restoring delivery condition.
   - **Restore to HDD – with backed up user data**
     Delivery condition is restored and all user data under **C:\User are preserved**.

   Warning!

   When using the option **with backed up user data,** the restoration procedure takes a long time. Data are only preserved if they are located in the C:\user folder. All other data will be erased. For this reason, you must perform regular backups on external data carriers. We will not be liable for data loss and/or consequential damages.
7. Click on **Next** and follow the further instructions, which will appear on the screen, to restore the delivery condition.

FAQ – Frequently Asked Questions

When do I have to activate Windows?

Your software has been preactivated in the factory. An activation will only be required, if ...

... several components are replaced by others.

... you install a new motherboard.

... a different BIOS version has been installed.

... you install the software to another computer.

What is the Windows activation?

Your operating instructions include a chapter about this subject.

How do I perform a data backup?

Make a backup and another backup of selected data to an external medium (CD-R), to familiarise yourself with the technique.

A backup is unsuitable if you are not able to recover the data, the medium (CD-R, CD-RW) is defective or no longer available.

Do I still have to install the enclosed CDs/DVDs?

No. Basically all programs are already preinstalled. The disks are only intended as backup copies.

When is the recovery of the factory setting recommended?

This method should be chosen as the last resort. Read chapter "**System Restore**" on page 50 concerning the alternatives possible.

Customer Service

Troubleshooting

Errors can have simple causes, but sometimes they are caused by faulty equipment. We would like to give you some ideas to solve common problems. Should these instructions not lead to success, please feel free to call us.

Localise the Cause

Visibly check all cables and connections. Should all lights be off, check whether all equipment is supplied with power.

- Check power points, power cable and all power switches.
- Switch off the AKOYA MINI PC and check all cable connections. Check the connections to peripherals. Do not exchange cables, even though they may look similar. The polarity in those cables may be different. When it is confirmed that the computer has power and all connections are correct, turn the computer on again.

Frequent use of the programs **Disk Defragmenter** and **Disk Cleanup** will help you to avoid problems with your operating
system.

The tool "**System Information**", available in the program folder "**System Tools**" is also very useful.

Errors and Possible Causes

The monitor is blank.

- Confirm that the system is not in stand-by mode. Press any key on the keyboard to test this out.

Wrong Date and Time:

- Click the clock on the taskbar and correct the date and time.

The mouse does not work.

- Check the cable.
- Is the mouse functioning in another application program? Is the mouse deactivated in "**Device Manager**"

There is not enough room on the HDD.

- Audio or video recordings need a great deal of memory (between 1 and 2 GB/hour). Safeguard files that you do not need on external media, such as DVD/CD-Rs or hard drives or other external media e.g. the **MEDION** hard drive **HDDrive 2go**.

Additional Support

If the suggestions in the above section have not solved your problem, please contact the service hotline and we will attempt to help you solve the problem. Before you contact the Technology Centre, however, please have the following information available:

- How is your computer configured?
- What additional peripherals do you use?
- What messages, if any, appear on your screen?
- What software were you using when the error occurred?
- What steps have you already undertaken to solve the problem?
- Have you upgraded or removed drivers or hardware?
- Can you manually repeat the problem?
- If you have been given a customer number previously, please quote this.

Driver Support

This AKOYA MINI PC has been extensively tested in our laboratories with a large number of compatible devices. It fulfils all required standards and complies with the standard “Designed for Windows”, which certifies utmost compatibility.

However, often the software drivers for individual components are updated from time to time. This is a regular process provided by the manufacturer to mend possible compatibility problems that may occur with components (e.g., programs or hardware) that were not tested at the time of your AKOYA MINI PC’s manufacture. Driver updates and the latest information on your product are available on the Internet.

Visit Medion on the Web at **www.medion.com**

Transporting the AKOYA MINI PC

Please observe the following guidelines when transporting the AKOYA MINI PC:

- To avoid damage during transport, store the AKOYA MINI PC in its original packaging.

Cleaning and Care

The lifetime of the AKOYA MINI PC can be extended by taking the following measures:

Warning!

There are **no user-serviceable** or user-cleanable parts inside the AKOYA MINI PC housing.

- **Before cleaning, always pull the mains cable and all connection cables. Clean the** AKOYA MINI PC with a damp, lint-free cloth.
- Dust can clog the air vents, leading to overheating and malfunctioning. Check at regular intervals (about every 3 months) that all air vents permit sufficient air circulation. Use a Hoover to keep the air vents clear of dust. If your device regularly sucks in a great deal of dust, we also recommend that the interior of the AKOYA MINI PC housing be cleaned by a professional.
- Do not use solvents, caustic or volatile cleansers.
- Before cleaning, always remove the power plug and all connecting cables. Clean the AKOYA MINI PC with a damp, lint-free cloth. Do not use any solvents, corrosive or gaseous cleaning agents. Do not use CD-ROM cleaning disks or similar products that clean the lens of the laser to clean your CD- /DVD-drive.

Upgrades and Repairs

- Only a qualified engineer should perform upgrades and repairs to your AKOYA MINI PC.
- If you do not have the necessary qualifications, go to an appropriate Service Engineer. Please contact our Service Centre if you are experiencing technical problems with your AKOYA MINI PC.

Notes for Service Engineers

- Before opening the housing, disconnect the AKOYA MINI PC from all power sources and remove any connecting cables. If the AKOYA MINI PC has not been disconnected from the power outlet before being opened, there is a danger to life through electric shock. There is also a risk of damage to the components.
- Internal components of the AKOYA MINI PC may be damaged by electrostatic discharge (ESD). Carry out system upgrades and changes in an ESD-protected workshop.
  If no such workshop is available, wear an antistatic wrist strap or touch a highly conductive metal object. Medion can repair damage sustained by inappropriate handling for a fee.
- Use only original spare parts.

Caution!

Lithium batteries can not handle intense pressure, high temperatures or fire. There is a danger of explosion if replaced incorrectly. Replace batteries with a compatible type as recommended by the manufacturer.
Lithium batteries are hazardous waste and require proper disposal. Contact the Service Centre for additional information on battery disposal.

Recycling and Disposal

Device

At the end of its life, the appliance must not be disposed of in household rubbish. Enquire about the options for environmentally-friendly disposal

Batteries

Do not dispose of used batteries in the household rubbish! They must be deposited at a collection point for used batteries.

Packaging

To avoid damage during transport, the AKOYA MINI PC is stored in protective packaging. The packaging is produced mostly from materials which can be disposed of in an environmentally friendly manner and therefore can be professionally recycled.

Should you have any questions concerning the disposal please contact your dealer or our service.

Chapter 5

Appendix

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Standards

This AKOYA MINI PC meets the requirements of the following standards:

Electromagnetic Compatibility

This AKOYA MINI PC meets the following requirements for standards of electromagnetic compatibility and electrical safety:

EN 55022	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement.
EN 55024	Information technology equipment - Immunity characteristics - Limits and methods of measurement.
EN 61000-3-2	Limits - Limits for harmonic current emissions (equipment input current up to and including 16 A per phase).
EN 61000-3-3	Limits - Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with a rated current up to 16 A.

Electrical Safety

Electrical safety requirements according to the following standards:

EN 60950-1	Safety of information technology equipment.

Ergonomics

Ergonomic requirements according to the following standards:

DIN EN ISO	Ergonomic requirements for office work with display devices:
9241-3	**Part 3**: Requirements for visual displays
9241-4	**Part 4**: Requirements for keyboards
9241-8	**Part 8**: Requirements for colour representation
9241-9	**Part 9**: Input devices except keyboards

Noise Emission

Requirements for noise emission according to the measurement procedure in accordance with the following standard:

ISO 7779 (ISO 9296)	Acoustics. Measurement of airborne noise emitted by information technology and telecommunications equipment.

This AKOYA MINI PC fulfils the requirements of noise emissions according to ISO 7779 with following values:

Operating Mode	Max. Sound power level L_{WAd} (B/A) (declared according to ISO 9296)
Idling	4.8
Operating	5.2
	Max. Sound pressure level L_{pAm} (dB/A) (declared according to ISO 9296)
At bystander position Idling	40
St bystander position Operating	47

Information about the Regulatory Compliance according to R&TTE

The following remote equipments may have been supplied with this AKOYA MINI PC:

- Wireless LAN (optional)

The company declares herewith that these devices are in agreement with the fundamental requirements and the other relevant terms of the 1999/5/EG Guideline. Complete declarations of conformity are available under www.medion.com/conformity.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

Making Copies of this Manual

This manual contains information protected by law. All rights reserved. Duplicating this information in mechanical, electronic, or any other form, without the written approval by the manufacturer, is prohibited by copyright law.

Conditions of Warranty for the United Kingdom

Restricted Warranty

I. General Conditions of Warranty

1. General

This warranty covers defects relating to workmanship and manufacture in MEDION products. The period during which this warranty is valid and during which claims against the warranty can be made to MEDION must be in accordance with the following terms in order to be considered eligible:

- Is effective from the date of purchase or receipt of the MEDION product from an authorised seller of MEDION products; and
- expires at the end of the warranty period specified on the warranty card provided with the product.

For the warranty to be valid, you must:

- provide suitable evidence of purchase, a copy of the original purchase receipt from an authorised seller of MEDION products is preferred; or
- register your product within 28 days of purchase either online at www.MEDION.co.uk or by completing and returning the pre-paid registration card included with the product.

Please keep the original purchase receipt and the warranty card in a safe place. MEDION and its authorised sellers reserve the right to refuse a repair under warranty or a warranty confirmation if a proof of purchase [or registration of purchase] cannot be established, or has not been, submitted.

When it is necessary to return your product for repair please ensure that your product is suitably packed for transportation.

Provided that your product is still within warranty (please check the duration of the warranty period as described above) and is eligible for repair or replacement under the terms of the warranty, to return your product, please telephone MEDION on the service hotline number. You will be sent a pre-paid transportation box suitable for returning your product to MEDION. PLEASE MAKE SURE THAT YOU HAVE A BACKUP COPY OF ALL DATA ON THE PRODUCT BEFORE RETURNING THE PRODUCT TO MEDION. MEDION shall bear the costs of postage and packaging for returning the product and the transportation risk. However, if following examination of the defective product in question, MEDION, in its reasonable opinion, considers that the defect has been caused by:

- your operating and/or using the product other than as instructed in the accompanying documentation;
- damage caused in transit as a result of your negligence in packaging of the product; and/or
- otherwise than in accordance with the terms of this warranty;

This warranty shall be void and you may be required by MEDION to reimburse MEDION for the reasonable costs of postage and packaging before MEDION will return the product to you. If so and you would still like MEDION to repair or replace the product, MEDION may do so but you will be charged MEDION's standard rates for repair and replacement for this service.

Before returning the product, please contact MEDION via the service hotline or via the internet (www.MEDION.co.uk). You will receive a reference number (RMA No.) on the warranty card. Please mark the outside of your package to ensure that this reference number is clearly visible. Please submit a letter containing as much detailed information as possible and, a full description of the defect or fault.

This should include:

- a description of the fault;
- when it occurred, how long it has been evident and how frequently it occurs;
- any errors message(s) displayed when using the product;
- a description of the circumstance(s) and conditions in which the fault occurs; and
- whether it is an intermittent or persistent fault;

This will greatly assist MEDION in identifying the defect, when submitted together with the defective product.

Unless otherwise instructed by a MEDION representative in all cases, the product must be returned complete with all parts which were included with the original product. Incomplete contents of the returned package may lead to a delay in the repair or replacement. MEDION does not accept any liability for any additionally submitted material(s) which were not supplied with the original MEDION product.

This warranty does not affect your statutory rights in any way and is subject to the applicable legal statutes of the country where the product was sold to you by an authorised MEDION seller.

2. Scope

Subject to any exclusions set out within this warranty, where there is a defect in your MEDION product covered by this warranty, MEDION will repair or replace the MEDION product. The decision whether to repair or replace the product will be made solely at the discretion of MEDION. MEDION may, in its own discretion, replace the product returned for repair under warranty with a replacement product that is either identical or, in the event that such product(s) are no longer available, a product of equal or superior specification and quality.

No warranty is given for batteries or rechargeable batteries or for consumable materials subject to wear and tear, i.e. for parts which have to be replaced periodically during the normal use of the product, such as video-projector lamp.

Non critical failures that fall within industry specified tolerances e.g. noise, LCD pixels are not covered by this warranty. Please consult the appropriate section in your user or instruction manual for this product for exact specifications and tolerances.

To the extent which is permitted under law, MEDION will accept no liability for burnt-in images on plasma or LCD products as a result of normal wear and tear during the operation of the product. Please refer to your user or instruction manual for this product for detailed operating instructions for your plasma or LCD product.

The warranty does not cover errors relating to the playback of data media in an incompatible format or created with unsuitable software.

If it is found during repair or assessment that the defect concerned is not covered under warranty, MEDION reserves the right to invoice you for all reasonable costs incurred by MEDION. These costs will be in relation to the return of the product, including reasonable administration costs, plus reasonable costs for materials used and labour provided when repairing or replacing the product. This is subject to MEDION providing you with an estimate for carrying out such work prior to costs being incurred and that you have accepted the estimate.

You are entitled to seek independent advice or consultation relating to your product or any of MEDION's findings. MEDION will not be liable for any costs incurred to you when doing so.

3. Exclusion from warranty

To the extent permitted by law, this warranty shall be void in the event that defects or loss caused by:

a. failure and damage resulting from the operation of the product in an environment other than that recommended in the accompanying user or instruction manual (e.g. in direct sunlight or in a damp room);
b. accidental damage;
c. use other than in accordance with the accompanying user or instruction manual;
d. modifications, conversions, expansions, maintenance and/or repairs made to the MEDION product by unauthorised repairers or use of unauthorised third party parts;
e. negligence;
f. virus attack or software errors; or
g. improper transportation or packaging during return of the product.

This warranty will also be considered void if labels or serial numbers of the product or of a component of the product are modified or made illegible.

To the extent permitted by law, MEDION shall; only be responsible for losses which are a reasonably foreseeable consequence of the relevant defect in the product; MEDION will not be responsible for any costs incurred in relation to software configuration; economic loss; loss of opportunity; loss of income; or loss of data or software arising out of its repair or replacement of a MEDION product under this warranty.

4. Service Hotline

Before returning the product to MEDION you must contact us using the service hotline or via the internet (www.MEDION.co.uk). You will receive further instructions for making your claim under warranty when you call.

The service hotline is available on 362 days in the year, including Sundays and bank holidays but excluding Christmas day, New Years Day and Easter day. The service hotline is subject to [national rate] telephone call charges. These charges are subject to change. The price of your call will be stated at the beginning of the call.

II. Special warranty conditions for MEDION PC, notebook, pocket PC (PDA) and navigation devices (PNA)

The following terms apply to MEDION PC, notebook, desktop, pocket PC and laptop products and optional items included with such products. If one of these items has a fault, you also have a warranty claim for its repair or replacement, from MEDION. The warranty covers the costs of materials and labour for repairing or replacing the defective MEDION product or the optional item in question.

Hardware connected to your product that was not produced or marketed by MEDION can invalidate the warranty if MEDION can reasonably demonstrate that damage to the MEDION product or of the optional item included with the delivery was caused by such hardware. You are entitled to seek independent advice or consultation relating to your product or any of MEDION's findings. MEDION will not be liable for any costs incurred to you when doing so.

This warranty is restricted in relation to any pre-installed operating system as well as to application programme software that is included with the MEDION product in question. This warranty is restricted as follows:

For pre-installed operating system as well as to application programme software included in the MEDION product, MEDION only guarantees the data media (e.g. the diskettes and CD-ROMs) upon which this software is delivered and warrants that such data media shall be free from material and processing defects for a period of 90 days from the date of purchase of the MEDION product from an authorised seller of MEDION. MEDION will replace defective data media free of charge.

Any claims in respect of defective pre-installed operating system as well as to application programme software are hereby expressly excluded and you should contact the relevant licensor or copyright owner of the defective software in question. MEDION does not guarantee that any software supplied with MEDION products will function without interruption, will be free from errors or that it will fulfil your requirements. MEDION does not guarantee the 100% accuracy of the maps provided with the Navigation device.

It may be necessary to delete all data in the product in order to repair the MEDION product. PLEASE MAKE SURE THAT YOU HAVE A BACKUP COPY OF ALL DATA ON THE PRODUCT BEFORE RETURNING THE PRODUCT TO MEDION. To the extent permitted by law, MEDION excludes all liability for loss of data and MEDION recommends in all cases that you back up all data on your MEDION product before returning the product to MEDION.

III. Special warranty conditions for repair on site or replacement on site

If a claim for repair or replacement on site is included within the terms of the warranty card provided with the product, the special warranty conditions for repair or replacement of your MEDION product on site apply.

The following provisions must be made by you for carrying out repairs or replacements on site:

- MEDION or its authorised personnel must have unrestricted, safe and immediate access to the products.
- Telecommunication facilities required by MEDION or its authorised personnel for proper execution of your order, for testing and diagnostic purposes and for remedying faults are provided by you at your own expense.
- You are responsible yourself for restoring the application software after the repair services have been carried out by MEDION or its authorised personnel.
- You must take all other necessary steps to enable MEDION or its authorised personnel to carry out your order properly.
- You are responsible yourself for connecting and configuring any existing external peripheral products after MEDION or its authorised personnel have carried out their repairs.
- The free cancellation period for repairs or replacements on site is 24 hours, thereafter our reasonable costs resulting from late or missing cancellation shall be invoiced at your expense.

Liability limitations

The contents of this manual are subject to unannounced changes caused by technical progress. Manufacturer and sales shall not be responsible for any damages which have been caused as a result of omissions or errors in the information provided in this manual.

Under no circumstances shall we be liable for any of the following:

1. Claims made against you by third parties based on loss or damage.
2. Loss or damage to your blanks, recordings or data.
3. Economic follow-on damage (including lost profit or savings) or associated damage even in the case that we have been informed of the possibilities of this type of damage.

In some countries the exclusion or limitation of accompanying or follow-on damage is not legally accepted so that the above limitations do not come into force.

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